lectureStudio – Tutorial 5: Screenshares
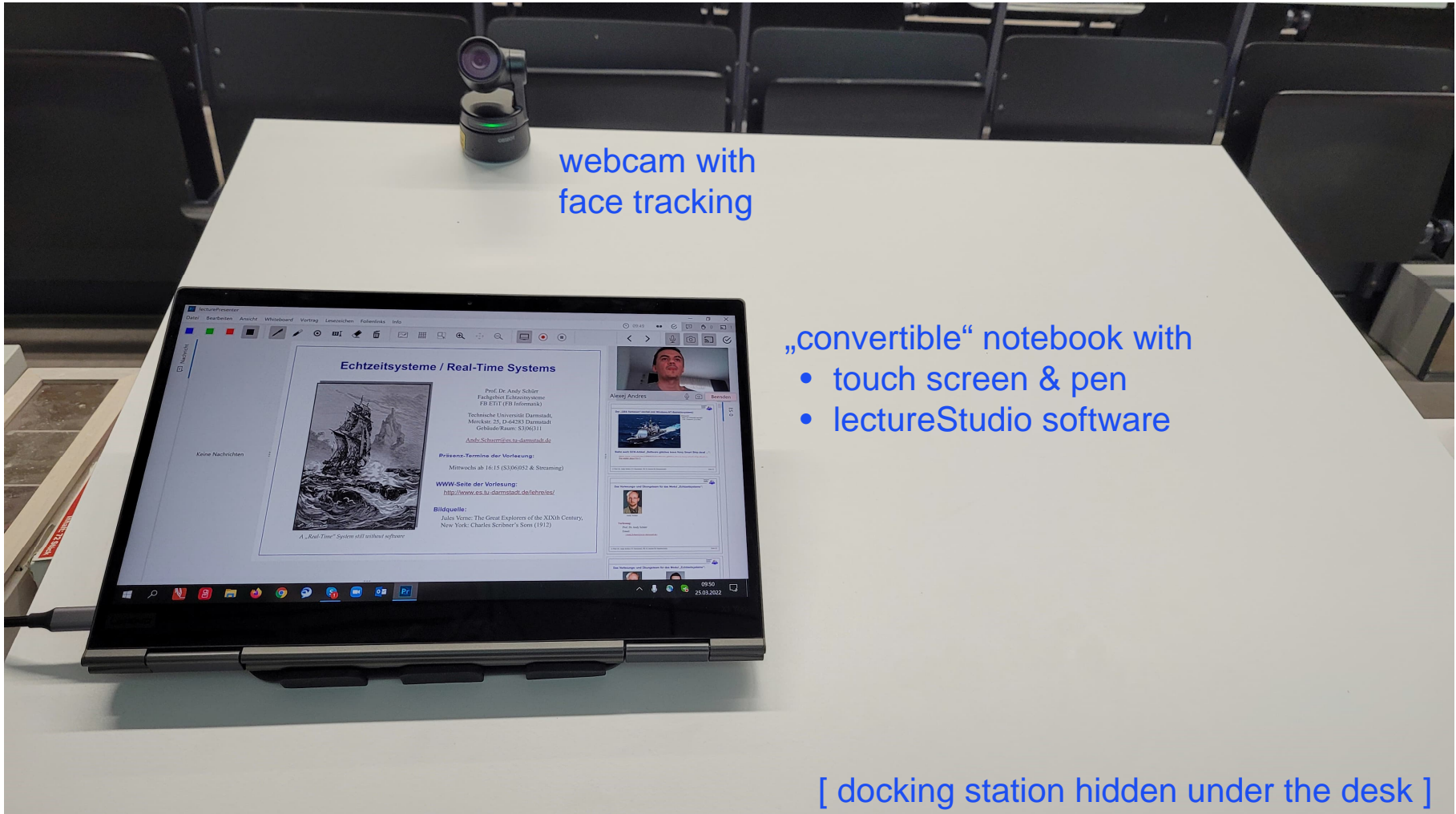
Alex Andres, Andreas Koch, *Andy Schürr*
Technical University of Darmstadt
https://www.lecturestudio.org

eTeaching Work Place in 2020, 2021, …

Hybrid Setting (Lecture Hall & Streaming)

webcam with
face tracking

„convertible" notebook with
- touch screen & pen
- lectureStudio software

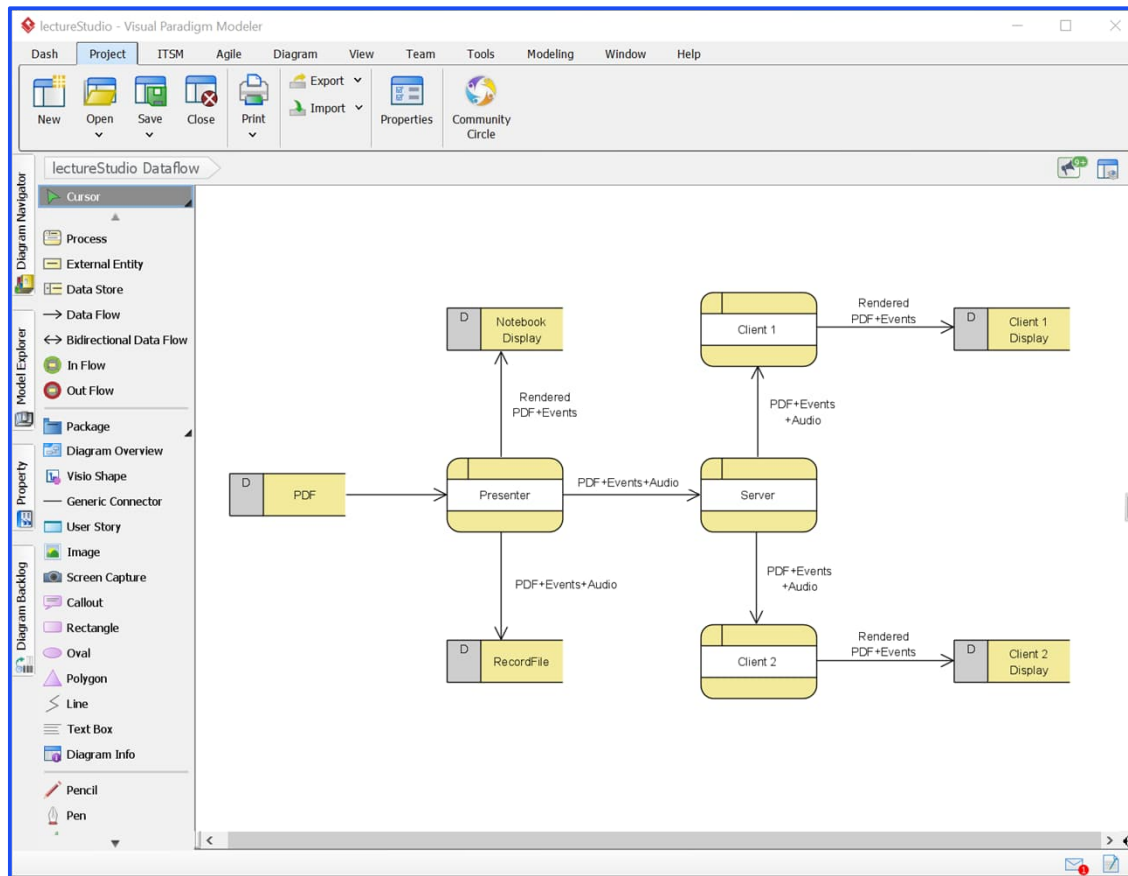[docking station hidden under the desk]

Categories of eTeaching Tools

- **presentation tools** (with integrated whiteboard?)
  - PowerPoint, pdfpc, …

- **presentation recording and postprocessing tools**
  - Panopto, Camtasia, Snagit, …

- **streaming / video conference tools**
  - BigBlueButton, Zoom, …

- **interactive poll/quiz execution tools**
  - Pingo, Moodle, …

- **interactive group chat tools**
  - Element, Zoom, …

- …

lecture-Studio

Categories of eTeaching Tools

- **presentation tools** (with integrated whiteboard?)
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with new screensharing functionality

- interactive poll/quiz execution tools
  - Pingo, Moodle, …

- interactive group chat tools
  - Element, Zoom, …

- …

lectureStudio Presenter – Screensharing Example

Visual Paradigm Modeler (https://www.visual-paradigm.com)

lectureStudio Presenter – Open Screenshare
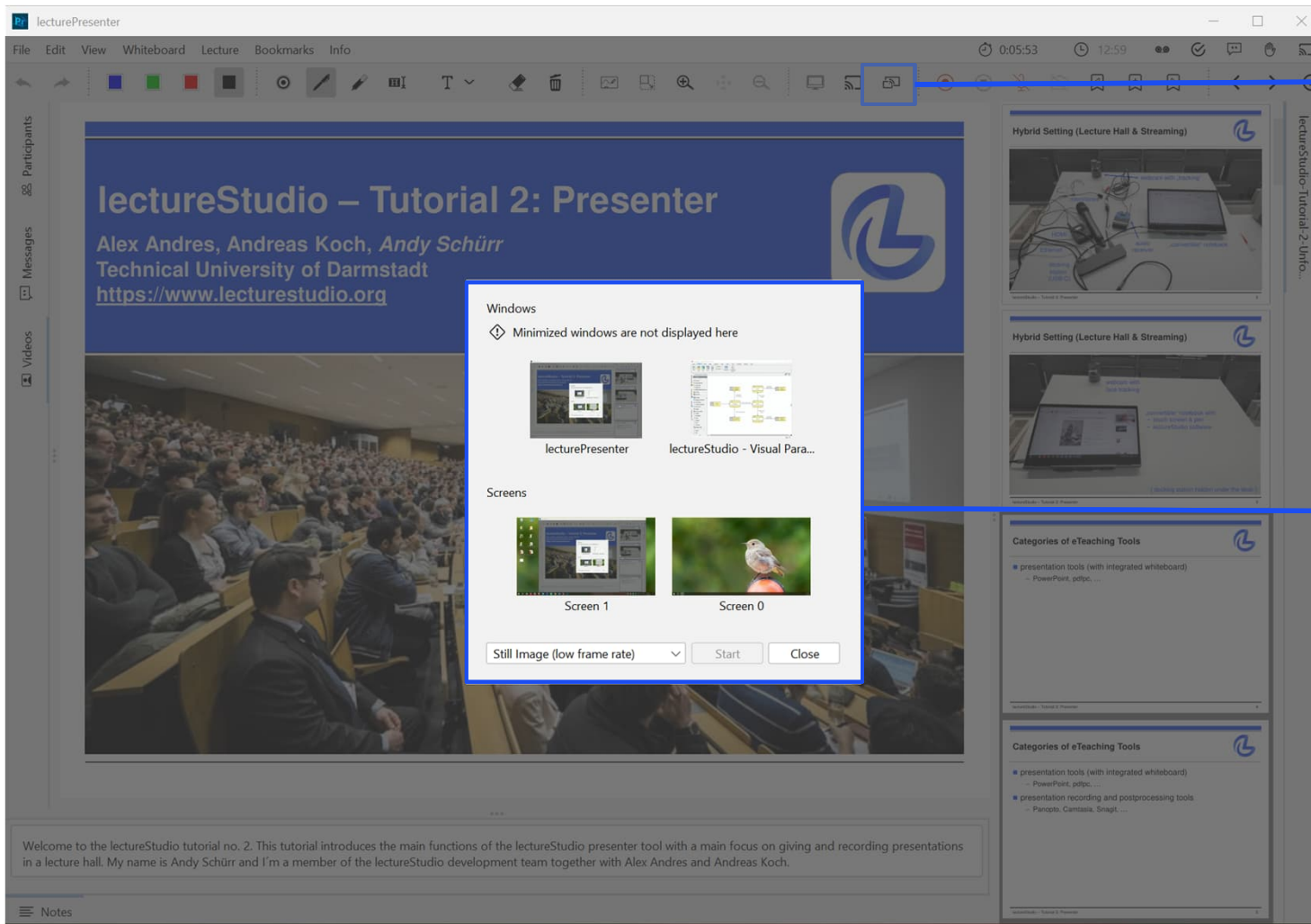
create screenshare tab

select window & framerate

lectureStudio Presenter – PDF Slide
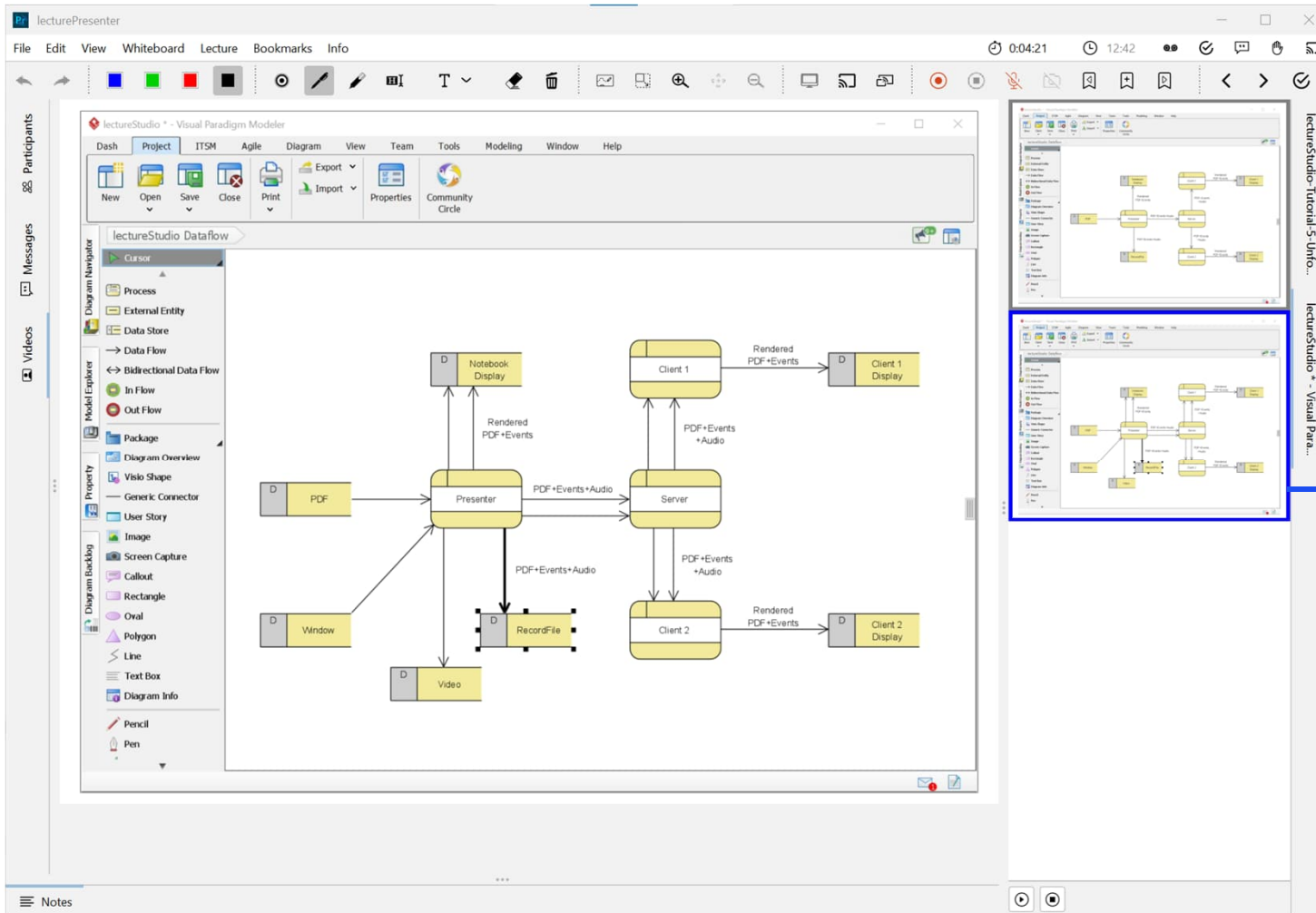
lectureStudio Presenter – Screenshare Tab

1st PDF page (screendump)
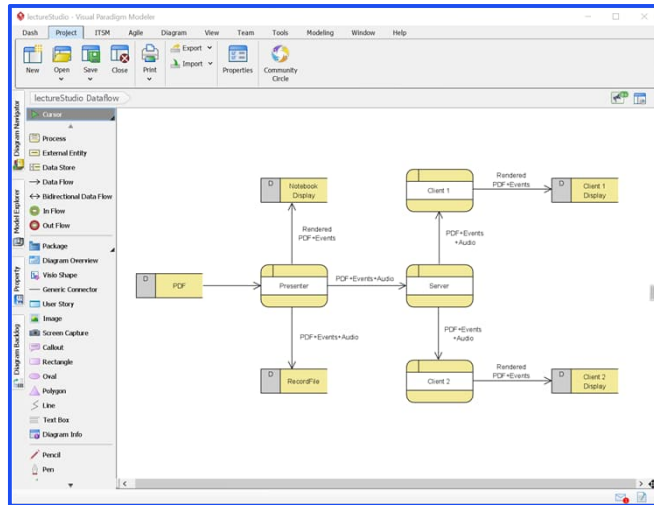
screenshare doc. tab

start
pause
stop

lectureStudio Presenter – Screenshare Tab

2nd PDF page (screendump)
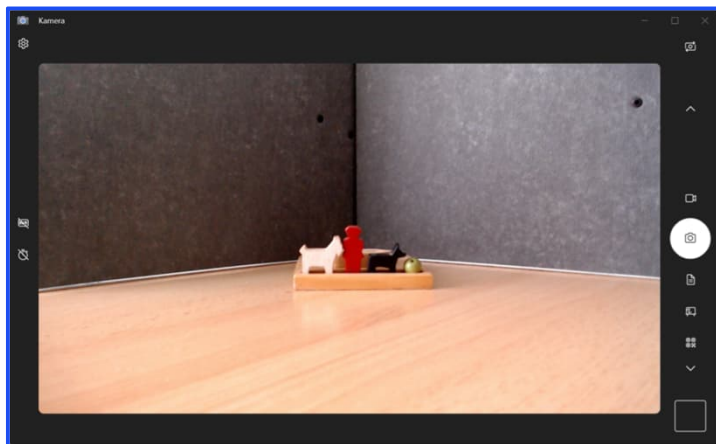
lectureStudio Presenter – Screensharing Example

Visual Paradigm
Modeler

low framerate

Screensharing

Presenter

high framerate

Microsoft
Camera App

lectureStudio Editor – Processing Screenshares

added text

screen-share

stored in separate video file

lectureStudio – Tutorial 5: Screenshares

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